

**From:** [Granger, Michelle](#)  
**To:** [Oconnell, Kimberly](#)  
**Subject:** RE: Pohatcong OU3 - modification/clarification to final depth of sampling during PDI  
**Date:** Tuesday, March 27, 2018 8:29:00 AM

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Hi, Kim-

Running upstairs for training. We did not approve yesterday on call. I told them I'll get back to them today. Wanted to discuss with you and Erin further.

I'll stop by at the first break.

Thank you!

Michelle-

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**From:** Oconnell, Kimberly  
**Sent:** Tuesday, March 27, 2018 8:15 AM  
**To:** Granger, Michelle <[Granger.Michelle@epa.gov](mailto:Granger.Michelle@epa.gov)>  
**Subject:** FW: Pohatcong OU3 - modification/clarification to final depth of sampling during PDI  
Michelle – can you please update me on the call yesterday – I don't follow. Did we approve their modification of the workplan or not??? Seems like they modified the work – but I am not sure we approved – unless that happened on the call yesterday – I still do not follow

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**From:** Hauber, Erin M CIV USARMY CENWK (US) [<mailto:Erin.M.Hauber@usace.army.mil>]

**Sent:** Monday, March 26, 2018 4:02 PM

**To:** Oconnell, Kimberly <[OConnell.Kim@epa.gov](mailto:OConnell.Kim@epa.gov)>

**Cc:** Granger, Michelle <[Granger.Michelle@epa.gov](mailto:Granger.Michelle@epa.gov)>

**Subject:** Pohatcong OU3 - modification/clarification to final depth of sampling during PDI

Hi Kim,

Michelle mentioned she'd be in training all day tomorrow but still wanted to follow-up on item below. I'm catching a flight to NY tomorrow afternoon, but am available from 8-1230 CST tomorrow or this afternoon. Cell: 785.764.1087; Office: 816.389.2280

Things to weigh:

- Are they seeing attenuation of mass at depth, similar to the RI? They have one data point with mass so far to answer this question: SB13 and mass >1 mg/kg was identified between 72-85 ft: 3.3-7.6 mg/kg TCE
- POHMW12 Historical WLs: ~121-126 ft bgs;
- The depth to competent bedrock has varied 10-15 from originally estimated in RDWP. If surface of bedrock plays a role in controlling mass transport in GW, it would be beneficial to record depth to competent bedrock at a subset of PDI borings within Albea.
- WL in MWs are better indication of water table than tagging WL in augers (Brad Brink verified)
- They've proceeded with stopping drilling at 122' at SB15 and will likely do the same at SB14 unless we tell them otherwise.

"Due to the depth that competent bedrock was encountered, drilling/sampling work was conducted below the planned depth of 120 feet at borings PDI-SB10 (129 feet bgs), PDI-SB11 (129 feet bgs), and PDI-SB13 (136 feet bgs). On Friday 23rd, the static water at well POHMW12 located in the former Mold Room was measured at 121.40 Ft BTOC. As indicated in David Heidlauf's March 23, 2018 email to Michelle Granger, it was never our intent to collect soil samples below the water table as part of the PDI soil boring investigation, therefore based on the water level we plan to not drill/sample below the depth of 122 feet bgs at any of the future

PDI borings. Ramboll is asking for USEPA confirmation of this modification."

Michelle – missed your call but got your VM. We collected splits last night and are coordinating submitting to the lab. Will keep you posted.

Erin Hauber, P.E.

Civil Engineer

Kansas City District

US Army Corps of Engineers

816.389.2280